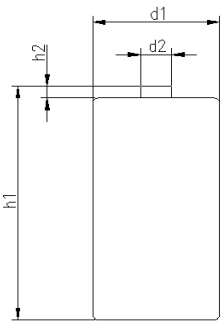


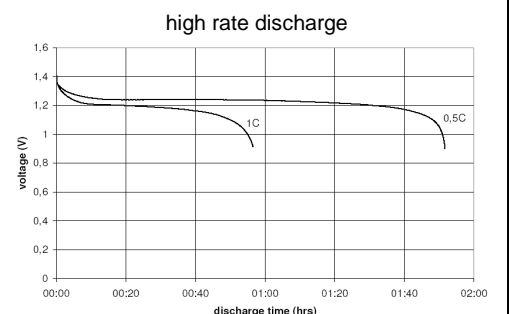
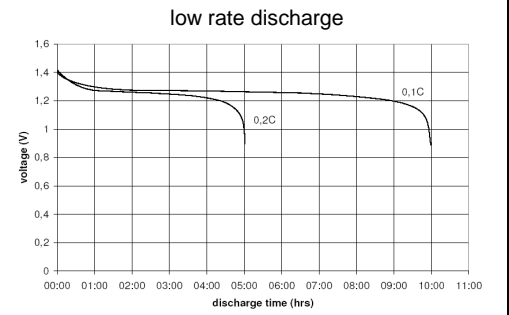
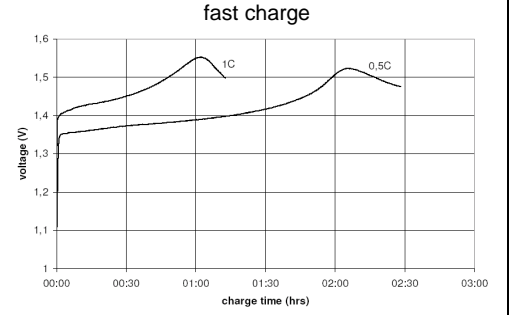
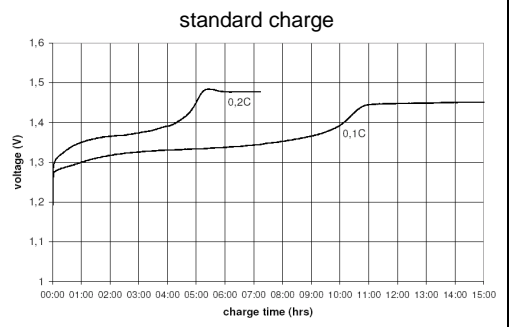
		Conditions	
<b>cell type:</b>		NiMH	
<b>cell size:</b>		C	
<b>nominal voltage:</b>	1.2	V	
<b>max. charge voltage:</b>	1.5	V	
		at standard charge (0.1C / 20°C)	
<b>capacity</b>			
nominal:	4500	mAh	
minimum:	4500	mAh	
	4200	mAh	
		discharge at 0.2C	
		discharge at 0.2C	
		discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
<b>max. continuous discharge current:</b>	6750	mA	
		ta: 0...45°C	
<b>charge</b>			
standard charge:	450	mA	
quick charge:	1350	mA	
fast charge:	2250	mA	
		time	
		14...16hrs	
		4hrs	
		2.3hrs	
recommended charge termination control parameters:	0...5	mV	
	0.8...1	°C	
	45...50	°C	
		- ΔV (-deltaV)	
		temperature rise per minute	
		TCO (temperature cut off)	
trickle charge current:	45...150	mA	
		(recommended)	
continuous overcharge: (less than 1 year)	≤ 450	mA	
		no conspicuous deformation	
		no leakage	
<b>internal resistance:</b> (impedance)	≤ 20	mΩ	
		at 1KHz	
		battery fully charged	
<b>life expectancy:</b>	≥ 500	cycles	
		acc. IEC standard	
<b>self discharge</b>			
charge retention:	≥ 80	%	
		after 12 months	
		storage at 20°C	
<b>initial capacity:</b>	≥ 3150	mAh	
		within 30 days after delivery	
		discharge at 0.2C	
<b>ambient temperature range:</b>			
	0...45	°C	
	10...40	°C	
	0...45	°C	
	- 20...65	°C	
	- 20...50	°C	
	- 20...40	°C	
	- 20...30	°C	
		standard charge	
		fast charge	
		discharge (≥1C)	
		discharge (<1C)	
		storage (≤3months)	
		storage (≤6months)	
		storage (≤24months)	

QCT1: 20/4300/20  
QCT2: 30/4200/20

mechanical specifications			
cell dimensions			
diameter d1:		25.6 - 1.0	mm
diameter d2:	max.	7.5	mm
height h1:		50.0 - 2.0	mm
height h2:	min.	1.5	mm
weight:		80 ± 4	g
blister card dimensions:		123 x 85	mm
blister card weight (incl. batteries):		168	g



**Diagrams**



	<b>ANSMANN Specifications for model:</b>	<b>C - 4500mAh low self discharge</b>
		<b>2pcs blister package</b>
	data sheet no. / part no.	5035352
	supplier no.	701364
	author / date	Gramlich / 24.02.2012

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice